Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

GEOLOGICAL DATA INVENTORY FOLIO

GDIF 589

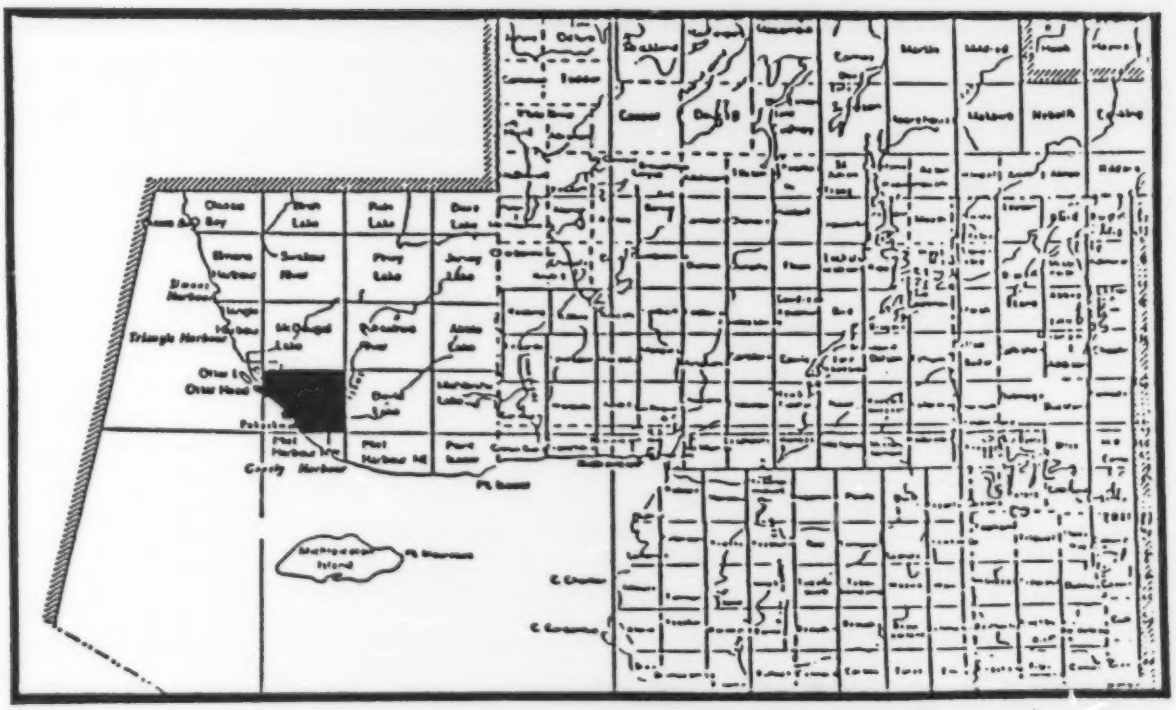
CAMP LAKE AREA

Sault Ste. Marie Mining Division

N.T.S. No. 42C/04SW

Compiled by the staff of
the Resident Geologist's Office

WAWA



LOCATION MAP

Mining Claim Map Number M-21

This project was funded by the Northern Development Fund, Wawa Economic Development Initiatives

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Wawa Resident Geologist's Office, 1991. Camp Lake Area, Geological Data Inventory Folio 589; compiled by the staff of the Resident Geologist's Office, Wawa.

Original Compilation by: Howson, Tim, 1986.

Date	Page(s) Revised	Revised by
11/89	1, 4-2, 6-1, 6-2, 7-1, 9-1, 10-1, 11-1, 13-2, 13-3, 14-1, 15-1	C.L.
*		

Date	Page(s) Revised	Revised by

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Addenda 1. Map showing air photos available for viewing

ACCOMPANYING MAPS (see map legends on outside back cover).

A. Files Index Map (s) ..... Map A-1

B. Exploration Data Map (s) ..... Map B-1

ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept. (A.R.)	Annual Report
A.R.I.P	Aggregate Resources Inventory Paper
Bull	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull.	Geological Society of American Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
MP	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines/Ontario Division of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
OGS	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
SOEGTS	Southern Ontario Engineering Geology Terrain Study
Sum. Rept.	Summary Report
OFM	Open File Map
OCRS	Ontario Centre for Remote Sensing
CCRS	Canada Centre for Remote Sesnsing
WRGO	Wawa Resident Geologist's Office

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DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no': if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	T.H.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	OGS/ODM General Index	Yes	T.H.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	T.H.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	T.H.
6	ODM Industrial Mineral Reports	No	T.H.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	T.H.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	T.H.
9	Newspaper Clippings File	Yes	T.H.
10	GSC Index to Publications	Yes	T.H.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	T.H.
12	OGS Index Maps	Yes	T.H.
13	Source Mineral Deposit Records (OGS)	No	T.H.
14	Author - Subject Articles File	Yes	T.H.
15	ODM/OGS Miscellaneous Papers	Yes	T.H.
16	ODM Geological Circulars	No	T.H.
17	OGS Study Series	No	T.H.
18	ODM Preliminary Reports	No	T.H.
19	ODM Bulletins	No	T.H.
20	ODM/OGS Open File Reports	Yes	T.H.
21	OGS Northern/Southern Ontario Engineering Geology Terrain Studies	Yes	T.H.
22	OGS Aggregate Resources Inventory Papers	No	T.H.
23	OGS Mineral Potential Maps	Yes	T.H.
24	Drill Core Library Catalogue	No	T.H.
25	Algoma Central Railway Lands Mining Files	Yes	C.L.
*			

MINERAL COMMODITIES REFERENCE LIST

anh ..... Anhydrite
ank ..... Ankerite
ap ..... Apatite
arg ..... Argentite
As ..... Arsenic
asp ..... Arsenopyrite
asb ..... Asbestos
ba ..... Barite
be ..... Beryl
Bi ..... Bismuth
bn ..... Bornite
Cd ..... Cadmium
calc ..... Calcite
carb ..... Carbonate
cc ..... Chalcocite
cp ..... Chalcopyrite
ch ..... Chert
clay ..... Clay
Co ..... Cobalt
cob ..... Cobaltite
Cu ..... Copper
cor ..... Corundum
dol ..... Dolomite
ep ..... Epidote
fel ..... Feldspar
fl ..... Fluorite (flurospar)
fu. ..... Fuchsite
gn ..... Galena
gt. ..... Garnet
goe ..... Goethite
Au ..... Gold
gf ..... Graphite

gl ..... Gravel
gyp ..... Gypsum
hem ..... Hematite
Fe ..... Iron
▲IF ..... Iron Formation
jas ..... Jasper
ky ..... Kyanite
Pb ..... Lead
lim ..... Limonite
Li ..... Lithium
mgst ..... Magnesite
mag ..... Magnetite
mc ..... Malachite
Mn ..... Manganese
mb ..... Marble
mar ..... Marcasite
ma ..... Marl
mi ..... Mica
mo ..... Molybdenite
Mo ..... Molybdenum
mon ..... Monazite
ne .... Nephelite (nepheline)
Ni ..... Nickel
Nb ..... Niobium
Pd ..... Palladium
pent ..... Pentlandite
Pt ..... Platinum
py ..... Pyrite
pyl ..... Pyrochlore
po ..... Pyrrhotite
q ..... Quartz
qcv .. Quartz carbonate vein

ra ..... Radioactive minerals
RE ..... Rare Earths
sd ..... Sand
sgl ..... Sand and gravel
ss ..... Sandstone
scap ..... Scapolite
shee ..... Scheelite
serp ..... Serpentine
sh ..... Shale
sid ..... Siderite
si ..... Silica
Ag ..... Silver
sl ..... Slate
sm ..... Smaltite
sod ..... Sodalite
spec ..... Specularite
sp ..... Sphalerite
spd ..... Spodumene
▲s ..... Sulphides
talc ..... Talc
Te ..... Tellurium
th ..... Thorite
Th ..... Thorium
ti ..... Titanite
Ti ..... Titanium
tour ..... Tourmaline
W ..... Tungsten
uran ..... Uraninite
U ..... Uranium
verm ..... Vermiculite
Zn ..... Zinc
zr ..... Zircon

ADDITIONS

*

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Min. Dep. Record	References in OGS Min. Dep. Cir. and Indus. Mineral Rpts.	Additional References and/or Remarks
Map Ref. Letter (see Data Map)	Name(s)	Mineralization			
A	Edy Occurrence	IF		MDC 011 p. 38	-see OBM Map 14a -see ODM Map P. 506
B	Unnamed Occurrence	IF			-see file St. Germain 0010
C	Unnamed Occurrence	IF			-see ODM Map P. 506
D	Unnamed Occurrence	S			-see file St. Germain 0010

TYPE OF WORK		Numbers below represent the year of the work ; e.g. 68 for 1968																	
(see Files Index Map) Exploration Files		Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp	Airborne			Ground						Other Data or footnotes
									Mag	EM	Rad	Mag	EM	Rad	IP	Self potential	Resistivity	
Map Ref. No.	Company/ Author (file number)																	
1	Bolton, L. L. Knapp, C. (42C/04SW 0010-A1)	11		11														N-1
1	Bolton, L. L. Knapp, C. (42C/04SW 0011-A1)	11		11														N-1
2	Bolton, L. L. Knapp, C. (42C/04SW 0010-B1)	13																
3	Noranda Exploration Company Ltd. (42C/04SW 0011-B1)											83	83					
4	White, H. V. (42C/04SW 0012)								83	83								
5	Cotton Valley Resource Ltd. (41N/13NE 0014)								83	83								

SEE PAGE 13-1,...NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

TYPE OF WORK (see Files Index Map) Exploration Files		Numbers below represent the year of the work ; e.g. 68 for 1968																			
										Airborne			Ground							
Map Ref. No.	Company/ Author (file number)	Geological	Geochemical	Trenching or Stripping	Drilling	Assay Data	Underground Work	Prospectus Notes Corresp	Mag	EM	Rad	Mag	EM	Rad	IP	Self Potential	Resistivity	Other Data	or footnotes
6	New Beginnings Resource Ltd. (41N/13NW 0011)								83	83									
7	Asarco Exploration Company Ltd. (St. Germain 0010)	72				72													N-2
8	Noranda Exploration Company Ltd. (WP-David Lakes-13)		88																N-3
9	Lahla Administrative Services Ltd. (WP-Camp Lake-1)								88	88									N-3
10	Dominion Explorers Inc. (WP-Pilot Harbour NE-5)								88	88									N-3

SEE PAGE 13-1,... NOTES, FOR ITEMS LISTED BY NUMBER IN THIS COLUMN

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name (file number)	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

● —— indicates core stored at Drill Core Library

Map Index No.	AIRBORNE GEOPHYSICAL SURVEY DATA		Flight Altitude	Flight Line Direct.	Flight Line Spacing
	-by -for -year	Type of Survey			
0	-by Scintrex Ltd. -for Ontario Geological Survey (from OGS Map 80480) -1980	-a. Scintrex HEM-802 electromagnetic system -b. Scintrex MAP-4 proton precession magnetometer	sensor 30m	N-S	200m
4	-by Aerodat Ltd. -for White, H.V. -1983	-a. Aerodat/Geonics 3 frequency electromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession magnetometer	60m	N-S	660'
5	-by Aerodat Ltd. -for Cotton Valley Resource Ltd. -1983	-a. Aerodat/Geonics 3 frequency electromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession magnetometer	60m	N-S	660'
6	-by Aerodat Ltd. -for New Beginnings Resources Ltd. -1983	-a. Aerodat/Geonics 3 frequency electromagnetic system -b. Herz 2A VLF-EM system -c. Geometrics G-803 proton precession magnetometer	60m	N-S	660'

Map Index No.	AIRBORNE GEOPHYSICAL SURVEY DATA		Flight Altitude	Flight Line Direct.	Flight Line Spacing
	-by -for -year	Type of Survey			
9	-by Terraquest Ltd. -for Lahla Administrative Services Ltd. -1988	-a. Proton precession (Overhauser effect) magnetometer -b. Totem 2A VLF-EM	100m	360	100m
10	-by Aerodat Ltd. -for Dominion Explorers Inc. -1988	-a. Aerodat 3 frequency electromagnetic -b. Herz Totem 2A VLF-EM system -c. Scintrex model VIW-2321 H8 cesium magnetometer	60m	N-S	125m

CAMP LAKE

Map Site No.	GEOCHEMICAL SURVEY DATA		By	Reference(s)
	Type of survey	Analysis for		
1	Lake Sediment and Water Geochemical	Zn, Cu, Pb, Ni, Co, Ag, Mn, As, Mo, Fe, U, F	OGS-GSC	OGS OFR 5267
2	Stream and Spring Sediment	Cu, Ni, Zn, Co, Mn, and Cold Extractable Heavy Metals	Wolfe, W.J. for the OGS	ODM GR 158 and 6 maps
3	Soil Sampling at the B Horizon	Au	Noranda Exploration Company Ltd.	file WP-David Lakes-13

GEOCHRONOLOGY DATA – AGE DATING

Site No. on Map	Method	Material	Reference	Result

CAMP LAKE

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist Office

(a) Aerial Photographs

1. 1" to 1/4 mile, black & white; 1980; see addenda (p. 15-1) for details

(b) Photomosaics

(c) Satellite Imagery

1. Canada Centre for Remote Sensing Side Aperture Radar - HS880175 (C)93, May 1988 1:50 000 (Black & White)

2. Canada Centre for Remote Side Aperature Radar - HS880173 (C)85, May 1988 1:50 000 (Black & White)

3. Experimental Composite of Airborne Radar (SAR) and Total Field Air Magnetics, SAR Data Acquiried 24-May-88 by CCRS Radar Development Program. Total Magnetic Field Derived from Digital Archives of OGS Map 81 143 R. B. Barlow. Processed at Ontario Centre for Remote Sensing/MNR 10-Feb-89 1:50 000

4. Experimental Composite of airborne Radar (SAR) and Total Field Aeromagnetics SAR Data Acquired 24-May-88 by CCRS Radar Development Program. Total Magnetic Field Derived from Digital Archives of OGS Map 81 143 R. B. Barlow. Processed at Ontario Centre for Remote Sensing/MNR 10-Feb-89 1:100 000

TOPOGRAPHIC MAPS (selected)			
Scale	Year	Name and/or Number	By
1: 50 000	1969	Pukaskwa River: NTS 42C/4	Surveys and Mapping Branch: Department of Energy, Mines and Resources
1: 100 000	1979	Pukaskwa River: NTS 42C/SW and part of 42D/SE	Surveys and Mapping Branch: Ministry of Natural Resources

CAMP LAKE

NEWSPAPER CLIPPINGS FILE

PAPER	ISSUE DATE(S)	PAGE	ARTICLE HEADLINE OR COMPANY AND/OR SUBJECT
?	12/09/82		Cotton Valley acquires two gold properties
Northern Miner	09/01/83	12	Tundra Gold Mines Ltd.
Northern Miner	10/05/87	24	The Applegath Group of Companies-Mishibishu Lake area Property map of the Mishibishu Lake area Northwestern Ontario New Beginnings Resources Inc.
Northern Miner	11/16/87	A23	The Applegath Group of Companies-Mishibishu Lake area Property map of the Mishibishu Lake area Northwestern Ontario New Beginnings Resources Inc.
Northern Miner	03/28/88	1&6	Noranda, Hemlo gold active at red-hot Mishibishu region
Northern Miner	04/25/88	25	Antimony Mine, gold potential have Dominion Explorers busy
Northern Miner	06/27/88	24	The Applegath Group of Companies-Mishibishu Lake area Oneida Resources Ltd.
Northern Miner	09/05/88	1&2	Mishibishu rush compares to Hemlo Noranda Exploration Company Ltd.

CAMP LAKE

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Bertha Lake
Banamie Cove
Camp Lake
Homer Township
Pukaskwa River
Richardson Harbour

Index Volume	Listing:	Report Volume	Part	Page
1	Homer Twp., Thunder Bay District			
	Iron ore north of	12		314
	Rocks, see Richardson Harbour			
	Tin, "salting" in	8		138-139
	Pukaskwa River, L. Superior			
	Beaches	8		137
		9		175
		14	1	288
	Berries	8		147,155
	Brook Trout	14	1	297
	Caribou	13		137,138
	Fall in last 25 miles	14	1	286
	Gold near mouth	14	1	354
	Gorges, photo	14	1	283,284
	High hills	14	1	281
	Jaspilite near mouth	14	1	309
	Name, spelling of	8		133
	Notes by Bell, J.M.	14	1	283,284
	Coleman	8		137,138
	Quartz vein near mouth, photo	14	1	353
	Rocks on and near	8		143
		14	1	313
	Conglomerate	8		142,166
		11		167
		14	1	346
	granite	14	1	336,349
	iron-bearing	14	1	305,316
	Keweenawan	13		168
	Schists	14	1	306
	shores east and west, description	8		133,134
	Trees	8		138
		14	1	296
	Water power	14	1	299

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Richardson Harbour, Homer Twp., Lake Superior			
	Rocks near	14	1	305,349
2	Homer Twp., Thunder Bay District			
	Iron claims, geological notes	I.O.		187
	Pukaskwa River, Lake Superior			
	Iron claims	I.O.		187
3	Pukaskwa River, Lake Superior			
	East branch, description and photo	49	9	4,5
	mineralization	49	9	12
	rocks	49	9	10
	Iron formation near	49	9	12
4	No Listings			
5	No Listings			
6	No Listings			
7	No Listings			
8	Homer Township, Thunder Bay District			
	Iron	MRC 11		381-382
	Pukaskwa Operation, Thunder Bay and Algoma Districts			
	Summary of Field Work, 1968 by G. Bennett, P.C. Thurston and J.F. Giguere	MP 22		31-34
	Pukaskwa River Area, Thunder Bay District			
	geology	MP 17		22-22

CAMP LAKE

OGS/ODM GENERAL INDEX SEARCH

Words Searched:

Index Volume	Listing:	Report Volume	Part	Page
8	Pukaskwa River East Occurrence			
	Pukaskwa River east area, Thunder Bay District mining property, report on	MRC 11		415
9	Homer Township, Thunder Bay District			
	Geology of the Pukaskwa-University River area	GR 153		
	Pukaskwa Area, Algoma and Thunder Bay Districts			
	Geochem, study of the area			
	Report on, 1976 by W.J. Wolfe	GR 158		
	Pukaskwa Depot			
	Homer Township, Thunder Bay District	GR 153		32
	Pukaskwa Harbour			
	Pukaskwa River area, Thunder Bay District	GR 158		10
	Pukaskwa River area, Algoma & Thunder Bay Districts			
	Report (quaternary) and map 5096 on, 1979 by John F. Gartner and D.F. McQuay	NOEGTS 72		
	Pukaskwa-University Rivers Area, Algoma and Thunder Bay Districts			
	Copper	GR 153		39-53 passim
	Geology of the area			
	Report, maps 2332 and 2333 and chart on, 1977 by G. Bennett and P.C. Thurston	GR 153		
	iron	GR 153		38-42 passim

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Barlow, R. B.	1988	Calculated Second Vertical Derivative Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series Map 81144	1: 100 000
Barlow, R. B.	1988	Total Magnetic Field Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series MAP 81143	1: 100 000
Barlow, R. B.	1988	Directionally Shadowed Total Magnetic Field Colour Image, Developed from Digital Archives of the OGS, Wawa Area, Districts of Algoma, Thunder Bay and Sudbury	OGS Geophysical/ Geochemical Series Map 81145	1: 100 000
Bell, J. M.	1905	Iron Ranges of Michipicoten (West)	OBM AR Vol. 14, Pt. 1, with Map 14a	p. 278-355 1: 126 720
Bennett, G., Thurston, P. C., Giguere, J. F.	1969	Operation Pukaskwa, Pukaskwa River Sheet, Districts of Thunder Bay and Algoma	ODM Prelim. Map P. 506	1" =1mile
Bennett, G., Thurston, P. C. Giguere, J. F.	1972	Pukaskwa River Sheet	ODM Map 2332	1" =1mile

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Bennett, G., Thurston, P.C. Giguere, J.F.	1969	Operation Pukaskwa	ODM Prelim. Map P. 541	1"=2miles
Bennett, G., Thurston, P.C. Giguere, J.F.	1968	Summary of Field Work by the OGS, No. 12, Operation Pukaskwa, Districts of Thunder Bay and Algoma	OGS MP 22	p. 31-34
Bennett, G. Thurston, P.C.	1977	Geology of the Pukaskwa - University Rivers Area, Districts of Algoma and Thunder Bay	ODM GR 153 and 2 Maps	60 pages 1"=1mile
Bennett, G. Thurston, P.C.	1972	Operation Pukaskwa, Districts of Algoma and Thunder Bay, Ontario	OGS OFR 5073	93 pages
Bowen, R.P. Logothetis, J. Heather, K.B.	1986	Mishibishu Lake Area, Northwestern Section	OGS MP 2968	1:15 840
Coker, W.B. Shilts, W.W.	1979	Lacustrine Geochemistry Around the North Shore of Lake Superior: Implications for Evaluation of the Effects of Acid Precipitation	GSC Paper 79-1C	p. 1-15
Coleman, A.P.	1899	Map of the Western Part of the Michipicoten Mining Division, Algoma District	OBM Map 8b	1:253 440

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Coleman, A. P.	1899	Copper Regions of the Upper Lakes, Ontario	OBM AR Vol. 8, Pt. 2	p. 121-174
Gartner Lee Assoc. Ltd.	1974	Aggregate Resources Search - North Shores Lakes Superior and Huron, Districts of Thunder Bay and Algoma	OGS OFR 5117	116 pages 1"=2miles 1"=16miles
Gartner, J. F. McQuay, D. F.	1979	Pukaskwa River Including Michipicoten Island, Northern Ontario Geology Terrain Study	NOEGTS Study 72 with Map 5096	14 pages 1: 100 000
Giblin, P. E.	1967	Annual Report of Resident Geologist's Section, Pt. 2 Sault Ste. Marie District	OGS MP 17	p. 21-22
Logan, W. E. Murray, A.	1847	North Shore of Lake Superior	GSC Rpt. of Progress 1846-7	p. 5-35
McKellar, Peter	1912	The Otter Head Tin Swindle	The Thunder Bay Historical Society	p. 11-13
Meyn, H. D. Robertson, J. A.	1975	Iron Deposits of Ontario, East Central Sheet	ODM Prelim. Map P. 1043	1: 1 013 760

SELECTED REFERENCES				
Author	Date	Title	Reference	Map Scale and/or Reprt/Pages
Milne, V.G. et al	1972	Manitouwadge - Wawa Sheet	ODM Map 2220	1"=4miles
ODM-GSC	1963	Aeromagnetic Map: Pukaskwa River	ODM-GSC Aeromagnetic Series Map 2165G	1"=1mile
OGS-GSC	1979	Regional Lake Sediment and Water Geochemical Reconnaissance	OGS OFR 5267 and 16 Maps	83 pages 1:250 000
Reid, R.G.	0		OGS OFM 86	1"=1/4mile
Reid, R.G. Reilly, B.A.	1987	Summary of Field Work and Other Activities	OGS MP 137	p. 138-145
Scintrex Ltd.	1980	Airborne Electromagnetic and Total Intensity Magnetic Survey, Homer Township Area, Western Part, District of Thunder Bay	OGS Geophysical/ Geochemical Series Map 80480	1:20 000
Springer, Janet	1977	Ontario Mineral Potential: White River Sheet	OGS Prelim. Map P. 1519	1:250 000

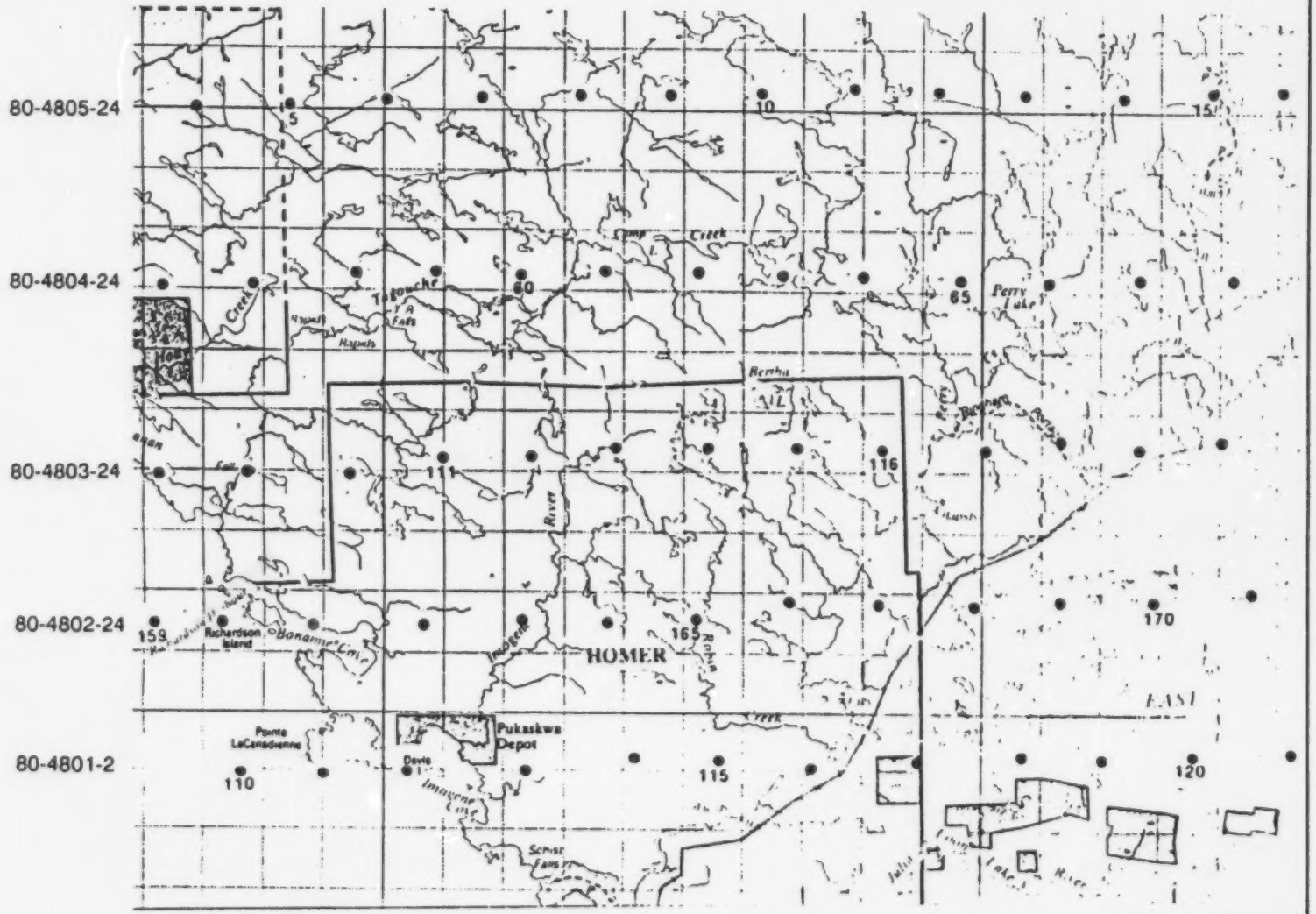
SELECTED REFERENCES			Reference	Map Scale and/or Reprt/Pages
Author	Date	Title		
Wadge, D. R.	1980	Airborne Electromagnetic - Magnetic Surveys	OGS MP 96 Summary of Field Work	p. 150
Wolfe, W. J.	1976	Regional Geochemical Reconnaissance of Archean Metavolcanic - Metasedimentary Belts in the Pukaskwa Region	ODM GR 158	54 pages
Wolfe, W. J. Thurston, P. C.	1969	Operation Pukaskwa	ODM Prelim. Map P. 541	1"=2miles
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Cold Extractable Heavy Metals in Stream and Spring Sediments	ODM Prelim. Map P. 508	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Copper in Stream and Spring Sediments	ODM Prelim. Map P. 509	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, District of Thunder Bay and Algoma: Geochemistry of Zinc in Stream and Spring Sediments	ODM Prelim. Map P. 510	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Manganese in Stream and Spring Sediments	ODM Prelim. Map P. 511	1"=1mile

SELECTED REFERENCES			Reference	Map Scale and/or Reprt/Pages
Author	Date	Title		
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Nickel in Stream and Spring Sediments	ODM Prelim. Map P. 512	1"=1mile
Wolfe, W. J. Wright, G. R.	1969	Operation Pukaskwa, Districts of Thunder Bay and Algoma: Geochemistry of Cobalt in Stream and Spring Sediments	ODM Prelim. Map P. 513	1"=1mile

Note #	NOTES
0	Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in: Rose, D.G. 1985: Mineral Inventory of the sudbury-Timmins, Sault Ste. Marie Region, Ontario; Geological Survey of Canada Open File 1087
0	Showing No. 112 in GSC Open File 1087 has not been plotted. A review of the references shows this occurrence to be near Terrace Bay, Ontario and not in this GDIF area.
0	This GIDF covers the area known as the Camp Lakes Area or NTS area 42C/04SW.
1	File 42C/04SW 0010-A1 is duplicate of file 42C/04SW 0011-A1.
2	This file (St. Germain 0010) has a compilation map which accompanies the report. The report suggests that an airborne electromagnetic survey was flown over the work area. The anomalies have been plotted on the map accompanying this report. There is no further information available on this survey.
3	The following is a list of Wawa file numbers with their corresponding Toronto (Assessment Files Research Office) file numbers: WP-David Lakes-13 - 2.12143, 2.12111 WP-Camp Lake-1 - 2.11752 WP-Pilot Harbour NE-5 - 2.11932

ADDENDA

Map showing air photos available for viewing at Wawa Resident Geologist's Office, see p.9-1



CAMP LAKE

CONVERSION FACTORS

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	6.451 6	cm^2
1 m^2	10.763 9	square feet	1 square foot	0.092 903 04	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	16.387 064	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in cooperation with the Coal Association of Canada.

For further information please contact:

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Ministry of Northern Development and Mines
Helen Mine Road
P.O. Box 530
Wawa, Ontario
P0S 1K0
705-856-4883

CAMP LAKE

MAP LEGENDS

A. FILES INDEX MAP

FILE AREAS See pages 4-1,2 .... of text

- ■ Reference number is always inside work area outlined. See listing in text pages.
- ☐ Small area of exploration data
- ☐ File covers whole township or area
- ☐

B. EXPLORATION DATA MAP

MINERAL OCCURRENCES: See pages 3-1,2__ of text

- ■ Mineral occurrence at surface, with reference letter
- ☐ Mineral occurrence with shaft, depth given with reference letter
- ☐ Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ Mineralized float with reference letter
- ☐ Mineral occurrence encountered in drilling, with reference letter
- ☐

DRILLHOLES: See pages 5-1,2__ of text

- ☐ Location of single drillhole, with reference number
- ☐ Location of group of closely spaced drillholes, with reference number
- ☐ Drillhole, exact location uncertain, with reference number
- ☐ Property with underground drillholes in this general area, with reference number
- ☐ Property with drillholes which have not been plotted on map, with reference number
- ☐ Reverse circulation drillhole; churn drilling, with reference number
- ☐

GEOCHEMICAL: See pages 7-1,2__of text

- ■ Geochemical sample site, with reference number
- ■ Area of geochemical sampling, with reference number
- ☐

GEOPHYSICAL ANOMALIES

Airborne Surveys: See pages 6-1,2__ of text

- ☐ Airborne magnetic anomaly
- ■ Airborne electromagnetic anomaly Length of anomaly along flight line
- ■ Airborne electromagnetic anomaly Location of anomaly along flight line
- ■ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ Airborne electromagnetic anomaly Conductor axis Location of flight lines uncertain
- ☐ Airborne radiometric anomaly

Ground Surveys

- ☐ Ground magnetic anomaly
- ■ Ground electromagnetic anomaly (VL - Vertical loop, HL - Horizontal loop VLF - Very low freq., Turam; JEM Crone Em - 16)
- ☐ Ground radiometric anomaly
- ☐ Induced polarization anomaly
- ☐ Self potential anomaly
- ☐ Audio-frequency magnetic anomaly (total intensity)
- ☐ Resistivity anomaly
- ☐ Gravity anomaly
- ☐

GEOCHRONOLOGICAL DATA: See page 8 of text

- ☐ Age dating material sampling site, with reference number
- ☐

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Sand and or gravel pit
- ☐
- ☐ Rock quarry
- ☐ Open pit
- ☐